

MATCH IT!® DNA Software Quick Reference Guide

For Use with IMMUCOR® LIFECODES® HLA SSO Assays

For In Vitro Diagnostic Use



This manual was produced for use with the **MIDNA** MATCH IT!® DNA Software **REF** 888623

Please address all questions, comments, and requests for additional copies to the address below:



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Intended use

LIFECODES MATCH IT! DNA Software v1.2 is an optional accessory to aid in the evaluation of test results from Immucor Transplant Diagnostics LIFECODES HLA SSO kits for use with Luminex®. Due to the complex nature of HLA Testing, qualified laboratory personnel must review any results to assure correctness.

About this guide

This guide provides basic instructions for utilizing the MATCH IT!® DNA Software

REF 888623 in conjunction with the following LIFECODES DNA SSO Assays:

HLA-A SSO Typing Kit	REF	628911
HLA-A eRES SSO Typing Kit	REF	628913
HLA-B SSO Typing Kit	REF	628915
HLA-B eRES SSO Typing Kit	REF	628917
HLA-C eRES SSO Typing Kit	REF	628921
HLA-DRB1 SSO Typing Kit	REF	628923
HLA-DRB1 eRES SSO Typing Kit	REF	628925
HLA-DRB 345 SSO Typing Kit	REF	628927
HLA-DQA1/B1 SSO Typing Kit	REF	628930
HLA-DPA1/B1 SSO Typing Kit	REF	628936
HLA-DQB1 SSO Typing Kit	REF	628929
HLA-DQA1 SSO Typing Kit	REF	628931
HLA-DPB1 SSO Typing Kit	REF	628935
HLA Null Allele SSO Typing Kit	REF	628939

Refer to the User's Manual for MATCH IT!® DNA Software for additional information. This guide is not intended to replace the user manual.

Related Documentation

The documents below contain additional information related to, or referenced by this guide.

MATCH IT!® DNA User's Manual (LC1504CE)

LIFECODES HLA-SSO Typing Kits Product Insert (LC1436IVD/CE)

LIFECODES HLA Null Allele SSO Typing Kit (LC1437CE)

Limitations

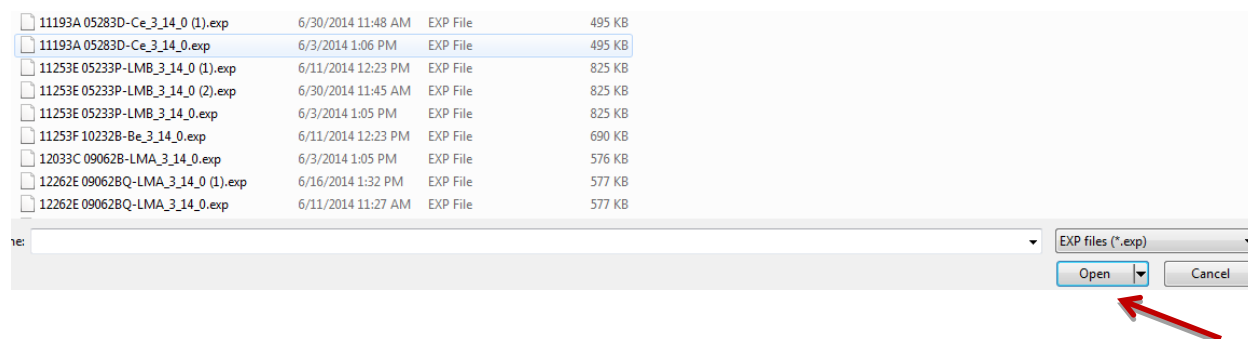
Refer to related documentation for limitations.

Importing the Lot Specific EXP file:

With the software open – click the Lot Information Import button on the home screen:



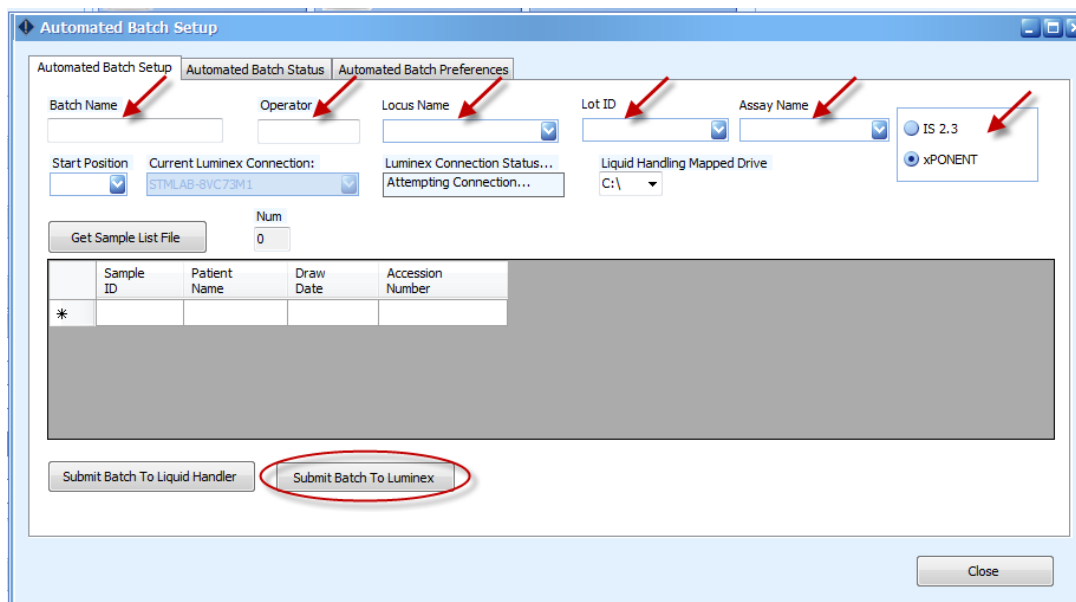
Navigate to the appropriate EXP file and click Open:



Automated Batch Setup

Note: To use this feature, import the appropriate template into the Luminex software and the appropriate EXP file into MATCH IT!®

1. Click the Automated Batch Setup button on the homescreen.
2. Select IS 2.3 or xPONENT.
3. Enter a Batch Name
4. Enter user initials in *Operator*.
5. Choose a Test Type: HLA-A, HLA-B, HLA-CeRes, etc.
6. Choose the appropriate Lot ID. Assay Name should automatically populate with the Lot ID.



The screenshot shows the 'Automated Batch Setup' window with the following fields and controls:

- Batch Name:** Text input field.
- Operator:** Text input field.
- Locus Name:** Dropdown menu.
- Lot ID:** Dropdown menu.
- Assay Name:** Dropdown menu.
- Test Type Selection:** Radio buttons for 'IS 2.3' and 'xPONENT'.
- Start Position:** Dropdown menu.
- Current Luminex Connection:** Text field showing 'STM LAB-8VC73M1'.
- Luminex Connection Status:** Text field showing 'Attempting Connection...'.
- Liquid Handling Mapped Drive:** Text field showing 'C:\'.
- Get Sample List File:** Button.
- Num:** Text field showing '0'.
- Table:** A table with columns: Sample ID, Patient Name, Draw Date, Accession Number. The first row contains an asterisk (*).
- Submit Batch To Liquid Handler:** Button.
- Submit Batch To Luminex:** Button (circled in red).
- Close:** Button.

7. Enter a *Start Position* (well location on plate).
8. Choose the Luminex instrument to which the batch is to be submitted from the dropdown list under *Current Luminex Connection* and verify that *Luminex Connection Status* is *Available*.
9. To load a pre-saved *Sample List*, click **Get Sample List File**. The user may type directly into the columns as well.
10. To submit the batch to Luminex, click **Submit Batch to Luminex**.

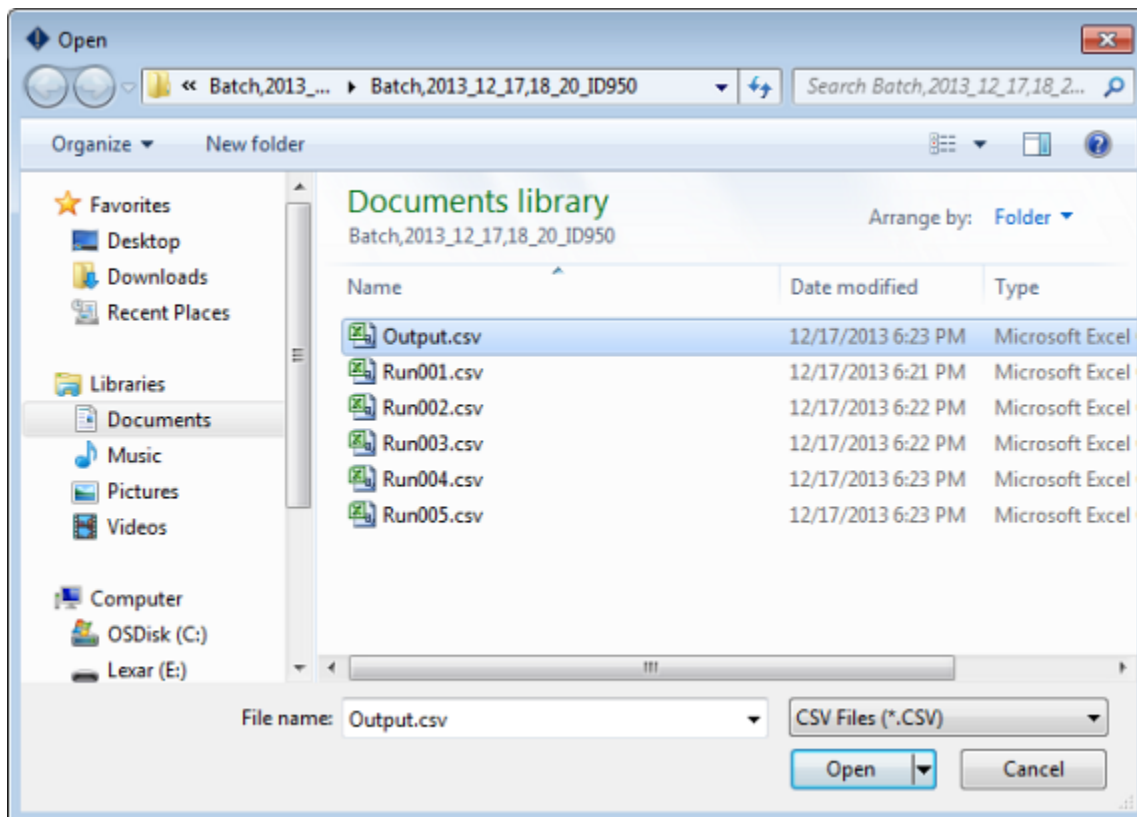
At this point, the batch will be ready for selection in the Luminex Software.

Importing a Batch CSV File:

With the software open – click the Batch Import button on the homescreen:



Navigate to the desired CSV file and click Open:



From the home screen select the desired batch from the Assay grid and double click the row.

[illegible]

Analyzing a Sample:

After selecting a batch from the home screen, the analysis window will load in the Results screen with the first sample from the batch selected.



Sample status is updated to Completed with the clicking of the 'Completed' button – available to Supervisors and Lab Technicians.

Once analysis is complete, sample status can be updated to Approved by clicking the 'Approve' button (available only to Supervisor user).

Reporting a Sample:

Individually:

A sample report can be created directly from the result screen toolbar by clicking the 'Reports' tab. The user can then select the type of report. Clicking any report will load a preview of the report in a separate window.

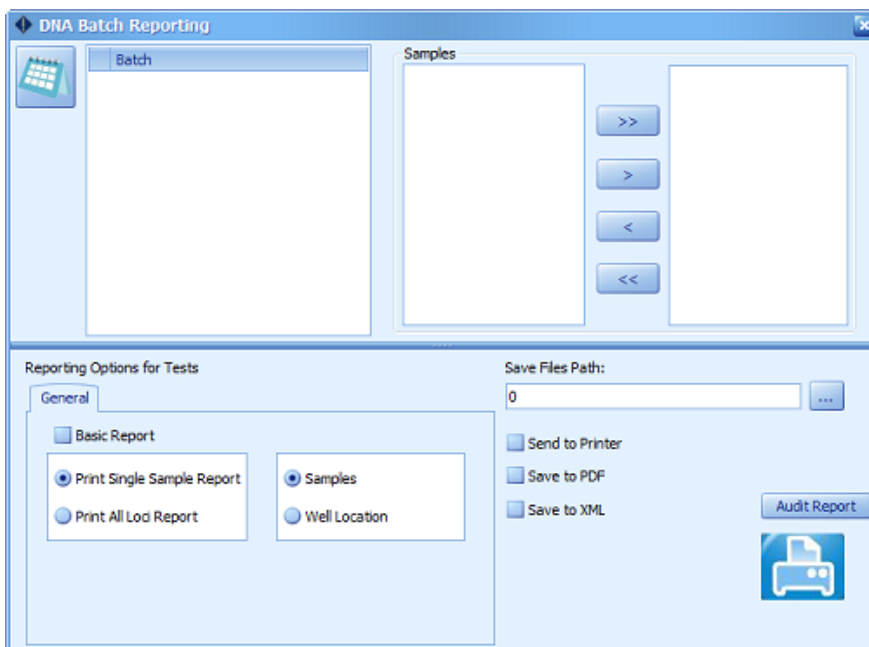


By Batch:

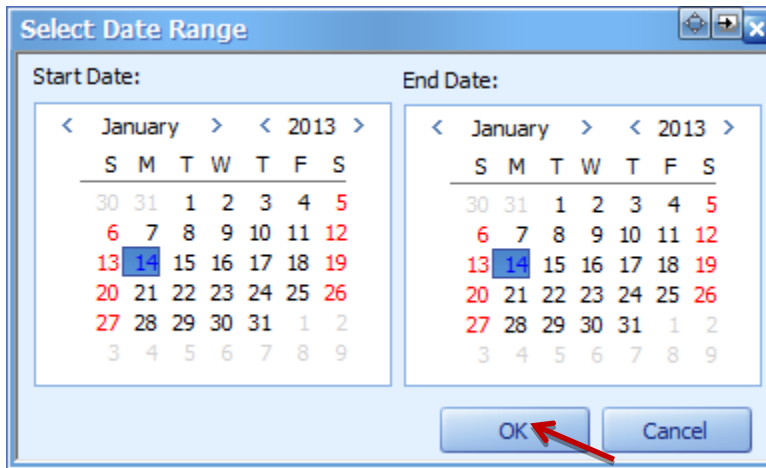
Multiple reports can be generated by using the Batch Reporting screen – accessed by clicking the Reporting button on the home screen.



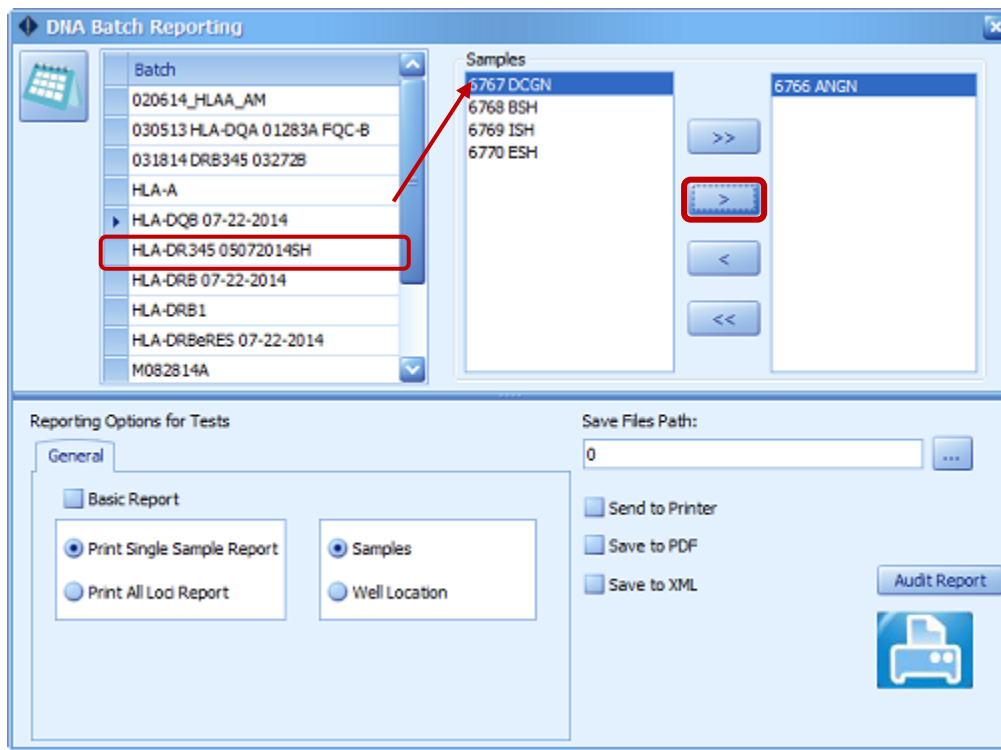
1. Click calendar button to select date range



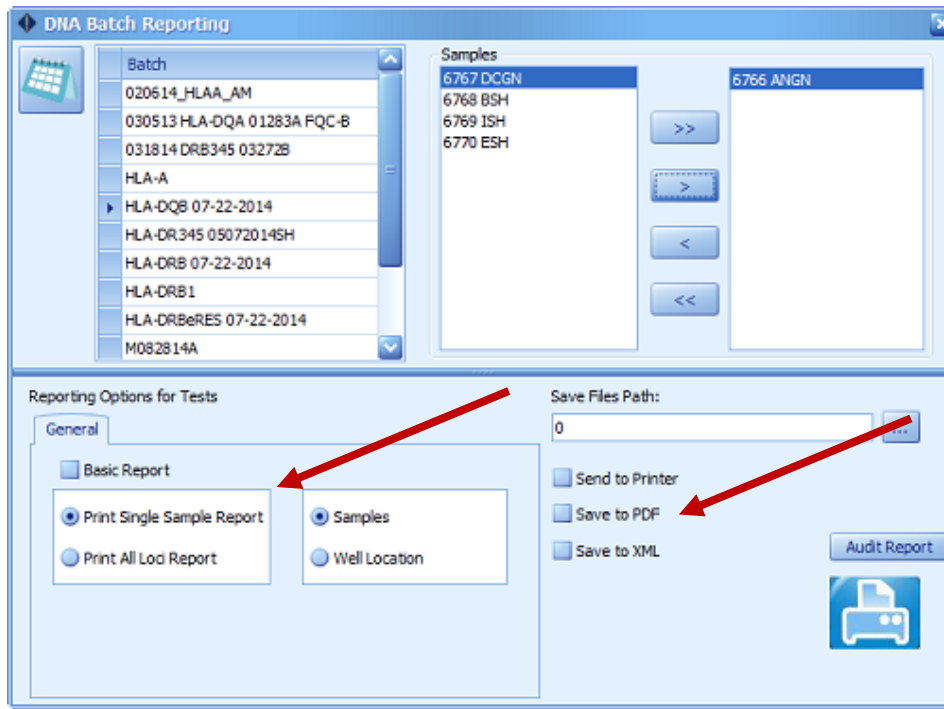
2. Set dates for desired samples and click 'OK'



3. After batch lists load selected batch, Highlight samples and click the '>' to move to report list.



4. Select Reporting Option and what type of file to Save.



5. Click the printer button to create the requested reports.

